ViewSonic®

PF775 | *Color Monitor*
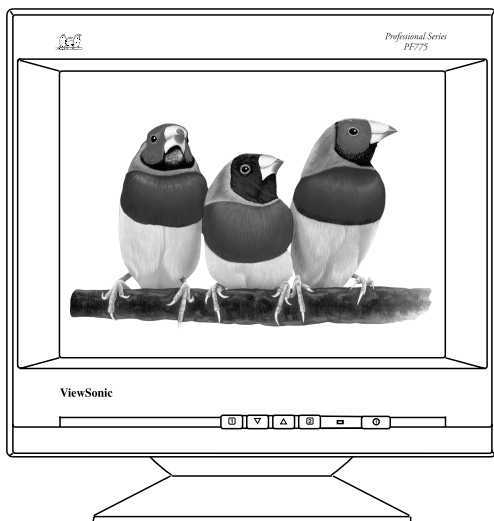
Professional Series
PF775

ViewSonic

PerfectFlat®
17" (16.0" Viewable Diagonal)

User's Guide

Guide de l'utilisateur

Bedienungsanleitung

(Latin American Spanish)

(Italian)

(Brazilian Portuguese)

(Swedish)

(Russian)

(Polish)

(Arabic)

Electronic Warranty Registration

Register your monitor at **www.viewsonic.com**. It's fast, easy, and will simplify future support needs.

ForYour Records

The serial number of this product is on the back of the monitor. Write the serial number of this unit in the space below and keep this booklet as a permanent record of your purchase to aid in identification in the event of theft or loss.

Model Name:	**ViewSonic PF775**
Model Number:	**VCDTS21511-1**
Serial Number:	_____
Purchase Date:	_____

Power Cord Safety Guidelines

Caution : Use a power cable that is properly grounded. Always use the AC cords listed below for each area :

USA ....UL
Canada ....CSA
Germany ....VDE
Switzerland ....SEV
Britain ....BASEC/BS
Japan ....Electric Appliance Control Act

In other areas, use AC cord which meets local safety standards.

Power Cord Safety Guidelines (continued)

AC PLUG CORD PRECAUTIONS FOR THE UNITED KINGDOM

FOR YOUR SAFETY PLEASE READ THE FOLLOWING TEXT CAREFULLY.

IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET THEN THE PLUG SHOULD BE CUT OFF AND DISPOSED OF SAFELY.

THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO AN APPROPRIATE SOCKET.

If a new plug is to be fitted, please observe the wiring code as shown below.

If in any doubt, please consult a qualified electrician.

WARNING: THIS APPLIANCE MUST BE EARTHED.

IMPORTANT: The wires in this mains lead are coloured in accordance with the following code:

Green-and-Yellow: **Earth**
Blue: **Neutral**
Brown: **Live**

If the coloured wires of the mains lead of this appliance do not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured GREEN-AND-YELLOW must be connected to the terminal in the plug which is marked by the letter E or by the Earth symbol ⏚ or coloured GREEN or GREEN-AND-YELLOW.

The wire which is coloured BLUE must be connected to the terminal in the plug which is marked with the letter N or coloured BLACK. The wire which is coloured BROWN must be connected to the terminal in the plug which is marked with the letter L or coloured RED.

IMPORTANT NOTICE CONCERNING POWER CORD SELECTION

The power cord for this unit has been packed separately and has been selected according to the country of destination and must be used to prevent electric shock. Use the following guidelines if it is necessary to replace the original cord set.

The female receptacle of the cord set must meet CEE-22 requirements and will look like Figure 1 below:

Figure 1

For the United States and Canada

In the United States and Canada the male plug is a NEMA5-15 style (Figure 2) UL Listed and CSA Labelled. For units which are mounted on a desk or table, type SVT or SJT cord sets may be used. For units which sit on the floor, only SJT type cord sets may be used. The cord set must be selected according to the current rating for your unit. Please consult Table A below for the selection criteria for power cords used in the United States and Canada.

Figure 2

For European Countries

In Europe you must use a cord set which is appropriate for the receptacles in your country. The cord set is HAR-Certified, and a special mark that will appear on the outer sheath, or on the insulation of one of the inner conductors.

If you have any questions concerning which proper power cord to use, please consult with the dealer from whom you purchased your monitor.

Table A

Cord Type	Size of Conductors In Cord	Maximum Current Rating of Unit
SJT	18AWG 16AWG 14AWG	10Amps 12Amps 12Amps
SVT	18AWG 17AWG	10Amps 12Amps

E
N
G
L
I
S
H

FCC Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Warning:
To assure continued FCC compliance, the user must use the grounded power supply cord and the provided shielded video interface cable with bonded ferrite cores. Also, any unauthorized changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

Power Supply Cord USA

For units with 100 - 120V input voltage in the USA, use the following :
UL Listed and CSA Certified Type SVT or SJT No. 18/3 AWG rated 125Vac 7A min.
One end terminated in a molded on parallel blade, grounding attachment cap or hooded attachment cap (15A, 125V configuration), other end terminated in a mold-on appliance coupler.

Notice for Germany

The X-rays generated in this unit are shielded sufficiently. High voltage: Max. 30.0 kV. For ergonomic reasons, we recommend that you do not display blue characters on a dark background. Doing so may produce insufficient contrast that could lead to eye strain.

Notice for Japan

This equipment falls under the class B information Technology Equipment based on the standard established by the self-imposed Control Council for Radio interference through information-processing Equipment (VCCI). This equipment is designed to be used in a household environment, However, if it is used near radio and television receiver units, radio disturbances can occur. Use this equipment appropriately according to the instruction manual.

CE Conformity

The device complies with the requirements of the EEC directive 89/336/EEC as amended by 92/31/EEC and 93/68/EEC Art.5 with regard to "Electromagnetic compatibility", and 73/23/EEC as amended by 93/68/EEC Art. 13 with regard to "safety".

Required item	Relative to Standard Value	Relative to those Exceeding Standard Value	Remarks
EMI*	# 1		# 4
ESD*	# 2	# 3	
RADIATED RF*	# 1	# 3	
TRANSIENT F/B*	# 1	# 3	
LINE HARMONICS	# 1		

1: Satisfies the standards with no problems in performance and reliability.
2: Effects may appear temporarily on the screen but there will be no problem in reliability.
3: There is fear of the product breaking down.
4: If a signal cable other than that specified is used, it may be the cause of electromagnetic wave interruption of peripheral devices. To assure continued CE compliance the user must use the provided 1.8m shielded video signal cable with bonded ferrite cores at both ends of the cable.
Handle correctly in accordance with the instruction manual.

*EMI : Electromagnetic Interference *ESD : Electrostatic Discharge *RF : Radio Frequency *F/B : Fast Burst

CONTENTS

Getting Started

Operation

Other Information

*To meet your future needs, and to receive any additional product information as it becomes available, please register your monitor's warranty on the Internet at: **http://www.viewsonic.com**.

Getting Started

Congratulations on your purchase of a **ViewSonic** *PF775* color monitor.
Important! *Save the original box and all packing material for future shipping needs.*

NOTE: This product was designed for operation in the magnetic fields of the hemisphere where it was purchased. Also, the word "Windows®" in this user guide refers to the following Microsoft® operating systems: Windows '95, Windows '98, Windows NT® (4.0).

Package Contents

Your **ViewSonic** *PF775* package includes:

- **ViewSonic** *PF775* monitor
- Power cord
- Video cable (detachable)
- User's guide
- INF and ICM installation files on CD-ROM or diskette

IMPORTANT: The supplied **INF file** assures compatibility with Windows operating systems, and the **ICM file** (Image Color Matching) ensures accurate on-screen colors. ViewSonic® recommends that you install both files.

- For CD-ROM: Insert the CD-ROM into your system, wait for it to auto-start, select "Monitor Drivers," and follow the on-screen instructions.
- For diskette: Insert the diskette into your system, run **install.exe,** and follow the on-screen instructions.

Precautions

- For best viewing conditions sit at least 18" from the monitor.
- AVOID TOUCHING THE SCREEN WITH YOUR FINGERS. Oils from the skin are difficult to remove.
- NEVER REMOVE THE REAR COVER. The monitor contains high-voltage parts. You may suffer serious injury if you touch these parts.
- Avoid exposing the monitor to direct sunlight or another heat source. The monitor should be facing away from direct sunlight to reduce glare.
- Always handle your monitor with care when moving it.

- Choose a well ventilated area to position your monitor. Do not place anything on the monitor that prevents adequate dissipation of heat.
- Ensure the area around the monitor is clean and free of moisture.
- Keep the monitor away from magnets, motors, transformers, speakers, and televisions.
- Do not place heavy objects on the monitor, video cable, or power cord.
- If smoke, abnormal noise, or strange odor is present, immediately switch the monitor off and call your dealer or ViewSonic. It is dangerous to continue using the monitor.

Quick Installation

E N G L I S H

1 Connect video cable

Make sure both the monitor and the computer are powered OFF. Connect the video cable to the computer.

Macintosh® users: Connect a Macintosh adapter to the video cable, then to the computer. To order a Macintosh adapter, send an email to vsparts@viewsonic.com or call ViewSonic® Customer Service (see the back cover of this guide). You will need to provide your monitor's serial number.

2 Connect power cord

Connect the power cord to a properly grounded AC outlet, then to the monitor.

3 Power-ON monitor and computer

Power-ON the monitor, then power-ON the computer. This sequence (monitor before computer) is very important.

NOTE: At this point Windows® 98 users may receive a message asking them to install the PF775's INF file.

4 Install INF and ICM files

- For CD-ROM: Insert the CD-ROM into your system, wait for it to auto-start, select "Monitor Drivers," and follow the on-screen instructions.

- For diskette: Insert the diskette into your system, run **install.exe,** and follow the on-screen instructions.

5 Windows users: Setting the Timing Mode (resolution and refresh rate) *Example: 1024x768 @ 75Hz.*

For instructions on changing the resolution and refresh rate, see the user guide for your computer's graphics card.

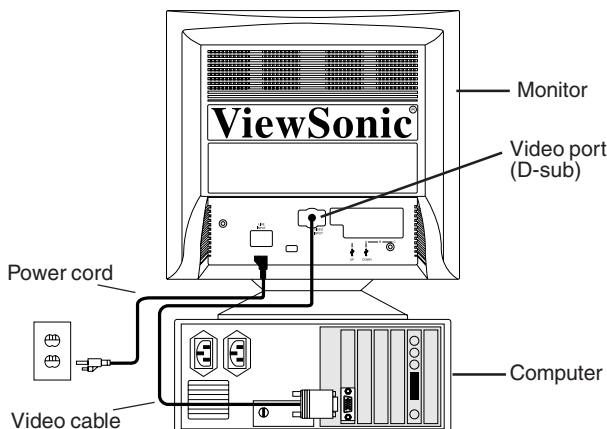## 6 Use the OnView® controls to adjust the screen image.

See the *Operations* section in this guide.

Installation is complete!
Enjoy your new PF775 Monitor!

To be best prepared for any future customer service needs:
- Write the serial number (see back of the monitor) in *"For your Records"* on page 1 of this guide.
- Register the warranty of your monitor on the Internet at:
  http://www.viewsonic.com

Monitor

ViewSonic

Video port (D-sub)

Power cord

Computer

Video cable

Operation

Adjust your **ViewSonic** *PF775* monitor using the buttons on the Front Control Panel to access the Main Menu and the Control Screens (see the next few pages).

Front Control Panel

To adjust the monitor, follow the numbered steps in sequence as shown below.

Press [▼] to scroll down, [▲] to scroll up Main Menu to highlight name of Control Screen to be displayed.

adju   T   2.7 5 5   de w/F2M 25ll   5   1 T

Press Button [1] to exit Control Screen or Main Menu and save adjustments.

Press [▼] to decrease, [▲] to increase value of Active Control.

Power light:
Green   = on
Orange = power saving
              mode

The monitor automatically degausses each time you turn it on, removing the build-up of magnetic fields that can affect color purity and convergence. To prevent possible damage, wait 20 minutes between turning the monitor off and on again. See page 11 for information on how to manually degauss the monitor.

OnView® Main Menu, part 1

Main Menu [1]   ▲
◑   CONTRAST / BRIGHTNESS
▭ ▱   H. SIZE / POSITION
⬍ ▱   V. SIZE / POSITION
▱ ◸   PINCUSHION/PIN.BAL
△ ▱   TRAPEZOID / PARALLEL
  ⏏   ZOOM
  ▱   TILT   ▼
EXIT: SELECT:

Sample Control Screen

CONTRAST   ▬▬▬▬   40
EXIT: [1]   BRIGHTNESS: [2]

This is the Contrast control screen

Button [2] toggles to the Brightness control screen

To exit the OnView® menu or screen & save changes, press button [1].

OnView Main Menu, part 1, continued

CONTRAST adjusts foreground white level of the screen image.
[▼] to decrease contrast or [▲] to increase contrast.

BRIGHTNESS adjusts background black level of the screen image.
[▼] to decrease brightness or [▲] to increase brightness.

H. SIZE (Horizontal Size) adjusts the width of the screen image.
[▼] decreases width, [▲] increases width.

H. POSITION (Horizontal Size) moves the screen image left or right.
[▼] moves screen left, [▲] moves screen right.

V. SIZE (Vertical Size) adjusts the height of the screen.
[▼] decreases screen height, [▲] increases screen height.

V. POSITION (Vertical Size) moves the screen up and down.
[▼] moves screen down, [▲] moves screen up.

PINCUSHION straightens vertical sides of the screen.
[▼] curves vertical edges inward, [▲] curves vertical edges outward.

PIN BALANCE curves the vertical edges of the screen to the right or
left. [▼] curves vertical edges to the left, [▲] curves vertical edges to
the right.

TRAPEZOID makes vertical edges of the screen image parallel.
[▼] narrows top and widens bottom, [▲] widens top and narrows
bottom.

PARALLEL (Parallelogram) slants vertical edges of the screen to the
left or right. [▼] slants vertical edges to left, [▲] slants vertical edges to
right.

ZOOM expands and contracts the entire screen image. [▼] contracts
the screen image. [▲] expands the screen image.

TILT rotates entire screen image. [▼] rotates screen image counter-
clockwise, [▲] rotates screen image clockwise.

E
N
G
L
I
S
H

OnView Main Menu, part 2

```
      Main Menu  [2]              ▲
   ⊙    VIEWMETER
  ⊢⊣ ⊥  CONVERGENCE
  ▤▤    V. LINEARITY
   ▱     HOOKING
   ⊛     FOCUS
   ▦     VIEWMATCH COLOR
   ▯     PURITY                   ▼
  ┌──────────────┐  ┌─────────────────┐
   EXIT: 1              SELECT: 2
```
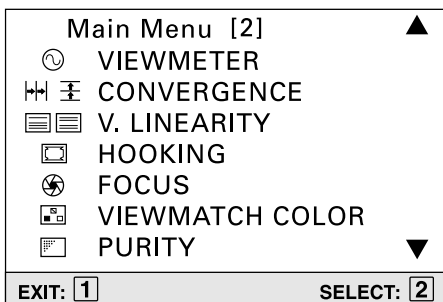
◯ **VIEWMETER®** displays the frequency signal input (horizontal scan and refresh rate) coming from the graphics card in your computer.

⊣⊢ **H. CONVERGENCE** (Horizontal Convergence) adjusts horizontal color alignment. Use only if you see red or blue around the horizontal segments of black letters on a white background. Press [▼] or [▲] to adjust.

⊥ **V. CONVERGENCE** (Vertical Convergence) adjusts vertical color alignment. Use only if you see red or blue around the vertical segments of black letters on a white background. Press [▼] or [▲] to adjust.

▤▤ **V. LINEARITY CENTER** (Vertical Linearity Center) adjusts the vertical distortion at the center of the screen image. Press [▼] or [▲] to adjust.

V. LINEARITY SYMMETRY (Vertical Linearity Symmetry) adjusts the vertical distortion by balancing the vertical distortion between the top and the bottom of the screen image. Press [▼] or [▲] to adjust.

NOTE: Both V. LINEARITY CENTER and V. LINEARITY SYMMETRY are advanced controls to be used for set up and calibration only. To return these controls to factory settings use DATA RECALL (see page 11).

▱ **HOOKING** straightens the four corners of the screen image. Press [▼] or [▲] to adjust.

⊛ **FOCUS** adjusts the sharpness of the screen image. Press [▼] or [▲] to adjust.

{To exit the OnView® menu or screen & save changes, press button [1].}

To exit the OnView® menu or screen & save changes, press button [1].

OnView Main Menu, part 2, continued

VIEWMATCH® COLOR provides four color adjustment options: three preset color temperatures and User Color, which allows you to individually adjust red, green, and blue (RGB).

To activate one of the three preset color temperatures, highlight your selection by pressing [▼] or [▲] and then press button [2]. The factory setting for the monitor is 9300°K , the color temperature most frequently used in offices with fluorescent lights.

```
  VIEWMATCH COLOR
    9300K
    6500K
    5000K
    USER COLOR

EXIT: 1                    SELECT: 2
```
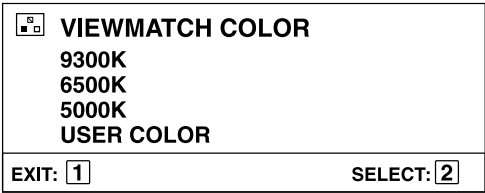
To adjust USER COLOR:

1 With USER COLOR highlighted on the VIEWMATCH COLOR screen shown above, press button [2] to activate USER COLOR. The screen below appears.

2 To select red, green, or blue, press button [2] to highlight your selection.

3 To adjust a color, press [▼] or [▲]. The number next to the status bar changes accordingly.

4 To save your adjustment and exit a color, press Button [1].

Highlighted color is active control, ready to adjust with [▼] or [▲]

```
USER COLOR              ▲
RED        ████▌        40
GREEN      ██████       50
BLUE       █████        45
                        ▼
EXIT: 1              RED: 2
```
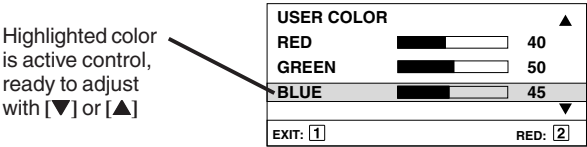
PURITY adjusts the color evenness of the overall image. Press [▼] or [▲] to adjust.

NOTE: If you see unevenness in a color (such as one area of a color appearing darker than another area), first use DEGAUSS (see page 13) , then if color unevenness is still present, use PURITY.

E
N
G
L
I
S
H

OnView Main Menu, part 3

```
___   Main Menu [3]              ▲
OSD   OSD POSITION
▓▓▓   MOIRE
 ⊓    DEGAUSS
?{    LANGUAGE
 ⊡    DATA RECALL

                                 ▼
EXIT: 1                 SELECT: 2
```
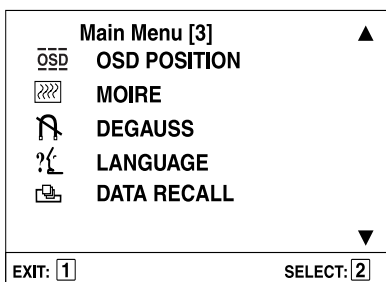
OSD **OSD POSITION** allows you to reposition the OnView display (including all menus and control screens). Press [▼] or [▲] to move the OSD. To exit this screen, press button [1].

▓▓▓ **MOIRE** reduces interference that causes unwanted color textures or patterns. Press [▼] or [▲] until interference patterns disappear.

⊓ **DEGAUSS** removes the build-up of magnetic fields that can cause irregular colors to appear around the edges of screen images. There are two ways to degauss the **ViewSonic** *PF775:* automatically by turning the monitor on, or manually by selecting the Degauss control from OnView Main Menu, part 3.
Important: *Do not degauss repeatedly. Doing so can be harmful to the monitor. Wait at least 20 minutes before using this control again.*

?{ **LANGUAGE** allows you to choose from among five languages for the OnView menus and control screens; English, French, German, Italian, and Spanish. To select a language press button [2]. To exit this screen, press button [1].

⊡ **DATA RECALL** returns all controls back to factory settings (only if the monitor is set to one of the factory preset modes shown on the Specifications page).

NOTE: Using this control resets color to the 9300° K.

Other Information

Specifications

CRT	Type	17" (16.0" viewable diagonal area), 0.25mm aperture grille pitch, 90° deflection, PerfectFlat®
	Phosphor	RGB, medium short persistence
	Glass surface	ARAG®, (Anti-reflective and anti-glare) coating Standard light transmission rate = 41.5%
Input Signal	Video	RGB analog (0.7/1.0 Vp-p, 75 ohms),
	Sync	f_h: 30-97 kHz, f_v: 50-180 Hz, H/V Separate (TTL), Sync-On-Green, Composite sync
Compatibility	PC	Up to 1600 x 1200 NI
	Macintosh®*[1]	Power Macintosh®

Maximum Refresh Rates*[2]		
1600 x 1200 NI @ 77Hz		832 x 624 NI @ 144Hz
1280 x 1024 NI @ 90Hz		800 x 600 NI @ 149Hz
1152 x 870 NI @ 105Hz		640 x 480 NI @ 180Hz
1024 x 768 NI @ 118Hz		640 x 400 NI @ 180Hz

Power	Voltage	AC 100-240 VAC (auto switch) 50/60 Hz
Display Area	Factory setting	300mm (H) x 225mm (V) typ
	Full scan	324mm (H) x 243mm (V)
Operating Conditions	Temperature	32°F to 104°F (0°C to 40°C)
	Humidity	5% to 95% (no condensation)
	Altitude	To 10,000 feet
Storage Conditions	Temperature	-40°F to +140°F (-40°C to +60°C)
	Humidity	5% to 95% (no condensation)
	Altitude	To 40,000 feet
Dimensions	Physical (monitor)	417mm (W) x 430mm (H) x 450mm (D) 16.4" (W) x 16.9" (H) x 17.7" (D)
Weight	Net	20 kgs (44 lbs) Monitor only
Regulations		CUL, UL, TUV/GS, TUV/ISO9241-3, B-MARK, TUV/ISO9241-8, Nordic, TCO'99, DHHS, CSA, FCC-B, PTB, BCIQ, CCIB, CB, ENERGY STAR, TUV/EMC, ENERGY 2000, C-TICK, S-MARK, VCCI, NOM, MPRII, PCT, SASO
Power saving modes	On	<130W (green LED)
	DPMS™ Suspend	<15W (orange LED)
	DPMS Off	<3W (blinking orange LED)

Preset Timing Modes (Pre-adjusted to **VESA® 1024 x 768 @ 75Hz and 85Hz** and **VESA 1600 x 1200 @ 75Hz and 85Hz**)

VGA 640 x 400 @ 70Hz	VESA 800 x 600 @ 85Hz	VESA 1600 x 1200 @ 75Hz
VGA 640 x 480 @ 60Hz	VESA 1024 x 768 @ 75Hz	Macintosh 832 x 624 @ 75Hz
VESA 640 x 480 @ 75Hz	VESA 1024 x 768 @ 85Hz	Macintosh 1024 x 768 @ 75Hz
VESA 800 x 600 @ 75Hz	VESA 1280 x 1024 @ 75Hz	Macintosh 1152 x 870 @ 75Hz

*[1] A Macintosh computer requires the supplied ViewSonic® Macintosh adapter. For a Macintosh adaptor, send an email to vsparts @ viewsonic.com or call ViewSonic Customer Service.

*[2] **Warning: Do not set the graphics card in your computer to exceed these maximum refresh rates. Doing so may result in permanent damage to the monitor. NI= Non Interlaced.**

Troubleshooting

No power
- Make sure power button (or switch) is ON.
- Make sure A/C power cord is securely connected to the back of the monitor and to a power outlet.
- Plug another electrical device (like a radio) into the power outlet to verify that the outlet is supplying proper voltage.

Power on but no screen image
- Make sure the video cable supplied with the monitor is tightly secured to the video output port on the back of the computer. If the other end of the video cable is not attached permanently to the monitor, tightly secure it to the monitor.
- Adjust brightness and contrast.
- Check this user's guide to see if an adapter is required for proper signal continuity between graphics card and monitor.

Faint horizontal lines
- Caused by steel wires called Damper Wires. This is normal for all monitors that employ aperture grille technology, the source of superior, rich color.

Flickering
- Not enough power supplied. Connect the monitor to a different outlet. If using a surge protector, reduce the number of devices plugged in.
- Check the ViewMeter® from the main menu to verify the refresh rate (vertical frequency) is 75 Hz or higher. See Specifications.
- Make sure the graphics card in your computer can use non-interlaced mode at the desired frequencies. To enable your graphics card to support higher refresh rates, try selecting fewer colors or running lower resolutions.
- Remove any devices from the area around the monitor that emits magnetic fields such as radios, surge protectors, unshielded speakers, fluorescent lights, AC power converters, desk fans, etc.

Wrong or abnormal colors
- If any colors (red, green, or blue) are missing, check the video cable to make sure it is securely connected. Loose or broken pins in the cable connector could cause an improper connection.
- Connect the monitor to another computer.
- Select Degauss from the Main Menu.
- If you have an older graphics card, contact ViewSonic® for a non-DDC adapter.

Entire screen image scrolls (rolls) vertically
- Make sure video input signals are within the monitor's specified frequency range.
- Try the monitor with another power source, graphics card, or computer system.
- Connect the video cable securely.

Control buttons do not work
- Press only one button at a time.

Cleaning the Monitor

- MAKE SURE THE MONITOR IS TURNED OFF.

- NEVER SPRAY OR POUR ANY LIQUID DIRECTLY ONTO THE SCREEN OR CASE.

To clean the screen

1. Wipe the screen with a clean, soft, lint-free cloth. This removes dust and other particles.
2. If still not clean, apply a small amount of <u>non-ammonia</u>, <u>non-alcohol</u> based glass cleaner onto a clean, soft, lint-free cloth, and wipe the screen.

To clean the case

1. Use a soft, dry cloth.
2. If still not clean, apply a small amount of a non-ammonia, non-alcohol based, mild non-abrasive detergent onto a clean, soft, lint-free cloth, then wipe the surface.

DISCLAIMER

ViewSonic® does not recommend the use of any ammonia or alcohol-based cleaners on the monitor screen or case. Some chemical cleaners have been reported to damage the screen and/or case of the monitor. ViewSonic will not be liable for damage resulting from use of any ammonia or alcohol-based cleaners.

LIMITED WARRANTY
VIEWSONIC *PF775* MONITORS

What the warranty covers:

ViewSonic® warrants its products to be free from defects in material and workmanship during the warranty period. If a product proves to be defective in material or workmanship during the warranty period, **ViewSonic** will at its sole option repair or replace the product with a like product. Replacement product or parts may include remanufactured or refurbished parts or components.

How long the warranty is effective:
ViewSonic *PF775* color monitors, including the display tubes, are warranted for three (3) years for all parts and three (3) years for all labor from the date of the first consumer purchase.

Who the warranty protects:
This warranty is valid only for the first consumer purchaser.

What the warranty does not cover:
1. Any product on which the serial number has been defaced, modified or removed.
2. Damage, deterioration or malfunction resulting from:
   a. Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
   b. Repair or attempted repair by anyone not authorized by **ViewSonic**.
   c. Any damage of the product due to shipment.
   d. Removal or installation of the product.
   e. Causes external to the product, such as electric power fluctuations or failure.
   f. Use of supplies or parts not meeting **ViewSonic**'s specifications.
   g. Normal wear and tear.
   h. Any other cause which does not relate to a product defect.
3. Removal, installation, and set-up service charges.

How to get service:
1. For information on obtaining warranted service, call **ViewSonic Customer Support.** See the back cover of this user's guide. You will need to provide your projector's serial number.
2. To obtain warranted service, you will be required to provide (a) the original dated sales slip, (b) your name, (c) your address, (d) a description of the problem, and (e) the serial number of the product.
3. Take or ship the product prepaid in the original container to your **ViewSonic** dealer, any **ViewSonic** service center or **ViewSonic**.
4. For additional information or the name of the nearest **ViewSonic** service center, contact your **ViewSonic** dealer or **ViewSonic**.

Limitation of implied warranties:
THERE ARE NO WARRANTIES, EXPRESSED OR IMPLIED, WHICH EXTEND BEYOND THE DESCRIPTION CONTAINED HEREIN INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Exclusion of damages:
VIEWSONIC'S LIABILITY IS LIMITED TO THE COST OF REPAIR OR REPLACEMENT OF THE PRODUCT. VIEWSONIC SHALL NOT BE LIABLE FOR:
1. DAMAGE TO OTHER PROPERTY CAUSED BY ANY DEFECTS IN THE PRODUCT, DAMAGES BASED UPON INCONVENIENCE, LOSS OF USE OF THE PRODUCT, LOSS OF TIME, LOSS OF PROFITS, LOSS OF BUSINESS OPPORTUNITY, LOSS OF GOODWILL, INTERFERENCE WITH BUSINESS RELATIONSHIPS, OR OTHER COMMERCIAL LOSS, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
2. ANY OTHER DAMAGES, WHETHER INCIDENTAL, CONSEQUENTIAL OR OTHERWISE.
3. ANY CLAIM AGAINST THE CUSTOMER BY ANY OTHER PARTY.

Effect of state law:
This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow limitations on implied warranties and/or do not allow the exclusion of incidental or consequential damages, so the above limitations and exclusions may not apply to you.

Sales outside the U.S.A.:
For **ViewSonic** products sold outside of the U.S.A., contact your **ViewSonic** dealer for warranty information and service.

REV 2/24/99

NOTES

Customer Service

To receive the most prompt assistance, dial the appropriate number below and *listen to all menu options before making your selection*: Customer Support, Technical Support, Parts, etc.

U.S. and Canada only
1-800-688-6688

From outside U.S. and Canada
909-869-7976

From Europe
44 (1293) 643-900

From Asian/Pacific Rim countries
886 (22) 248-4072

Other Options

Technical Support Questions
vstech@viewsonic.com

Product or Dealer Questions
prodinfo@viewsonic.com

World Wide Web:
http://www.viewsonic.com

ViewSonic® Corporation
381 Brea Canyon Road
Walnut, CA 91789
Tel (909) 869-7976
Tel (800) 688-6688
Fax (909) 468-1202